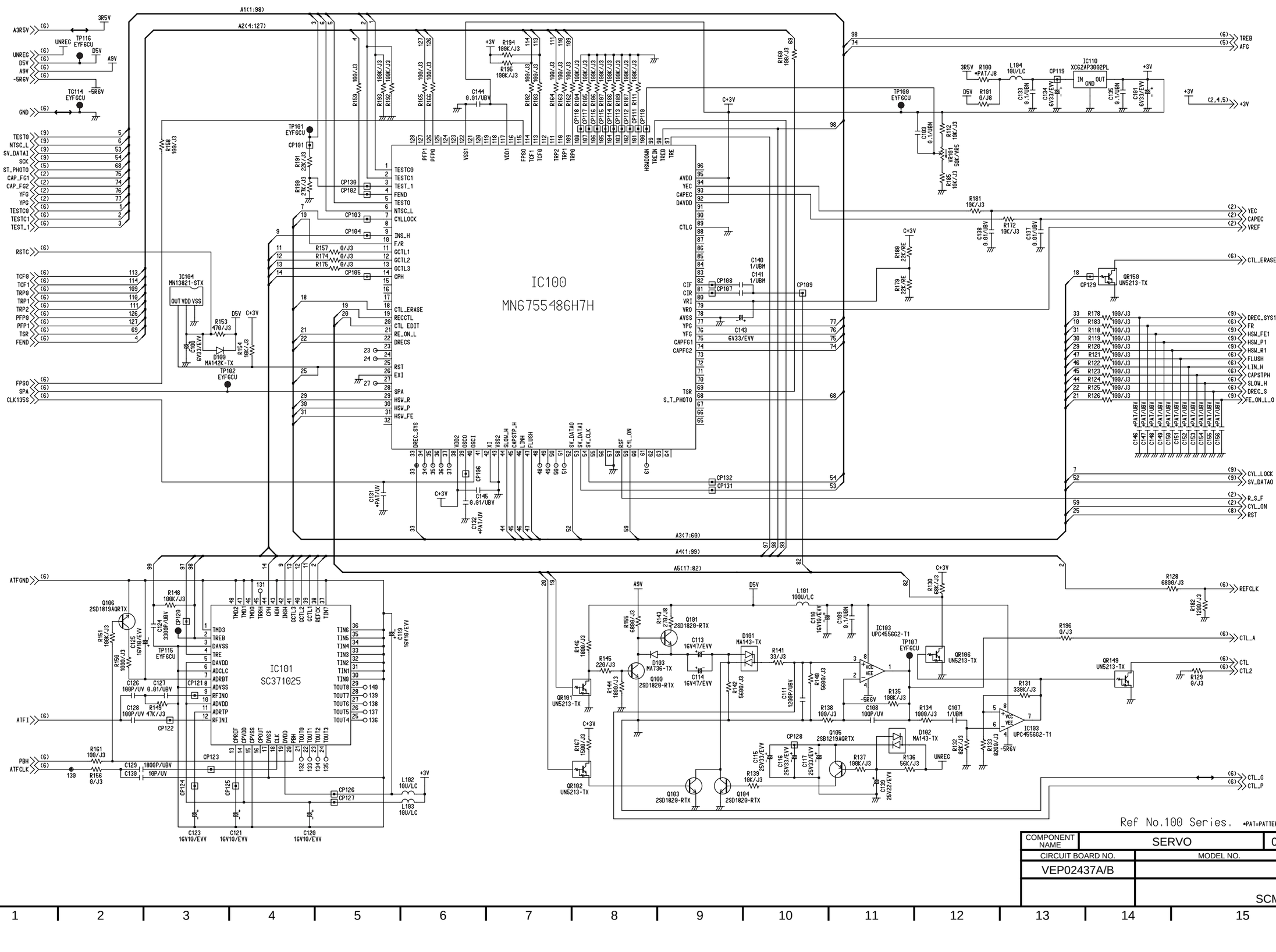
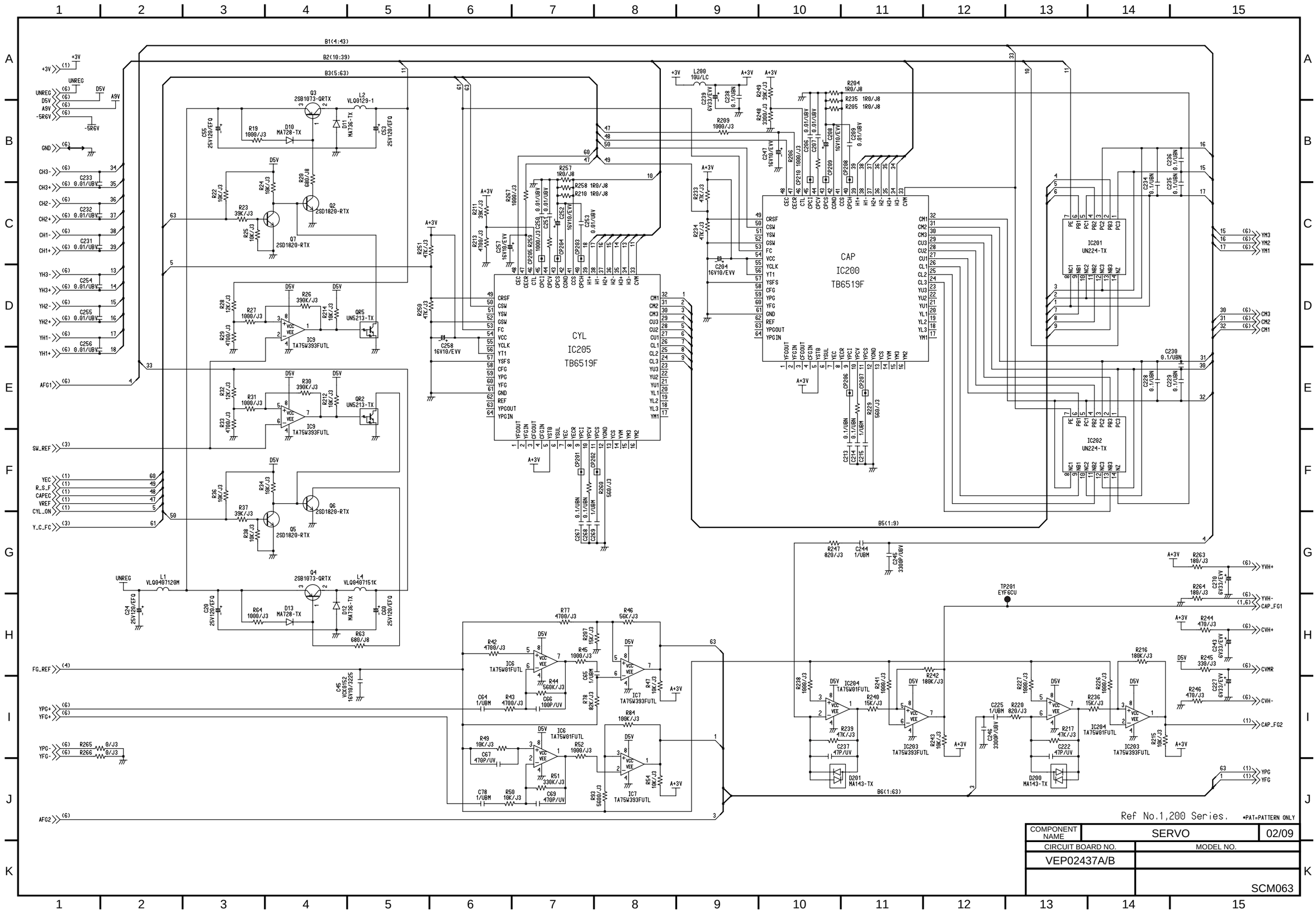
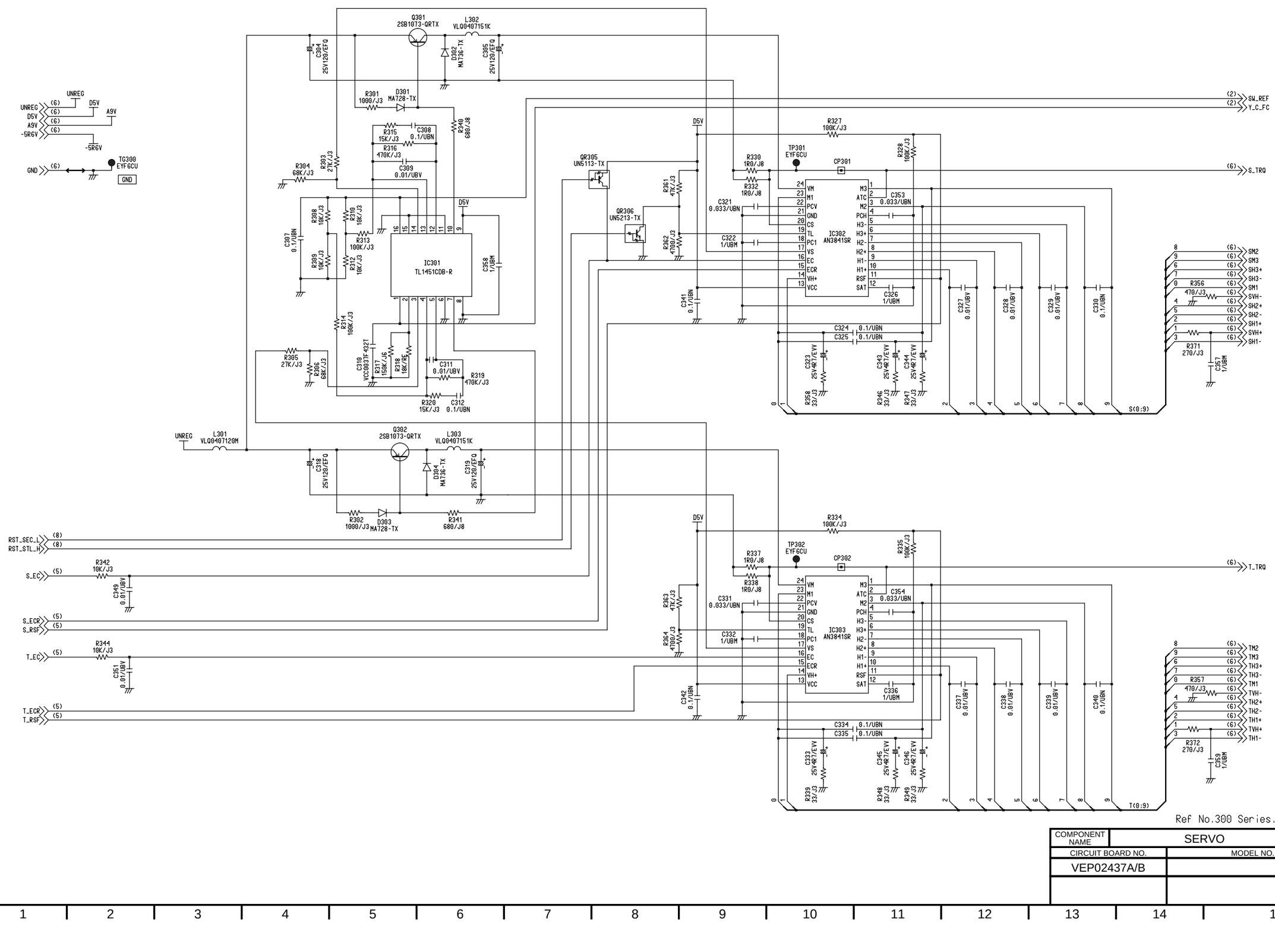

IC100
MN6755486H7H
IC101
SC371025
IC104
MN13821-STX
IC110
XC62AP3002PL
IC103
UPC4556G2-T1
Q106
2SD1819AQRTX
Q101
2SD1820-RTX
Q100
2SD1820-RTX
Q103
2SD1820-RTX
Q104
2SD1820-RTX
Q105
2SB1219AQRTX
D100
MA142K-TX
D101
MA143-TX
D102
MA143-TX
D103
MA136-TX
QR101
UN5213-TX
QR102
UN5213-TX
QR129
UN5213-TX
QR149
UN5213-TX
QR196
UN5213-TX
L101
100U/LC
L102
10U/LC
L103
10U/LC
TP101
EYF6CU
TP102
EYF6CU
TP107
EYF6CU
TP109
EYF6CU
TP115
EYF6CU
TP116
EYF6CU
TG114
EYF6CU
A1(1:98)
A2(4:127)
A3(7:60)
A4(1:99)
A5(17:82)
3R5V
UNREG
D5V
A9V
-5R6V
GND
C+3V
+3V
ATFGND
ATF1
PBH
ATFCLK
FPSO
SPA
CLK135S
RSTC
TESTC0
NTSC_L
SV_DATAI
SCK
ST_PHOTO
CAP_FG1
CAP_FG2
YFG
YPG
TESTC0
TESTC1
TEST_1
TCF0
TCF1
TRP0
TRP1
TRP2
PFP0
PFP1
TSR
FEND
TREB
AFG
YEC
CAPEC
VREF
CTL_ERASE
REFCLK
CTL_A
CTL
CTL2
CTL_G
CTL_P
CYL_LOCK
SV_DATAO
R_S_F
CYL_ON
RST
DREC_SYS1
FR
HSW_FE1
HSW_P1
HSW_R1
FLUSH
LIN_H
CAPSTPH
SLOW_H
DREC_S
FE_ON_L_O
S_T_PHOTO
CAPFG1
CAPFG2
CIF
CIR
VRI
VRO
AVSS
AVDD
DAVDD
CTLG
HSUDOUN
TREIN
TRE
TESTC0
TESTC1
TEST_1
FEND
TESTO
NTSC_L
CYLLOCK
INS_H
F/R
GCTL1
GCTL2
GCTL3
CPH
CTL_ERASE
RECCTL
CTL EDIT
RE_ON_L
DRECS
RST
EXI
SPA
HSW_R
HSW_P
HSW_FE
DREC_SYS
VDD2
OSCO
OSCI
XI
VSS2
SLOW_H
CAPSTP_H
LINH
FLUSH
SV_DATAO
SV_DATAI
SV_CLK
RSF
CYL_ON
PFP1
PFP0
VSS1
VDD1
FPSO
TCF1
TCF0
TRP2
TRP1
TRP0
HSUDOUN
TREIN
TREB
TRE
TMD3
TREB
DAVSS
TRE
DAVDD
ADCLC
ADRBT
ADVSS
RFINO
ADVDD
ADRTP
RFINI
CPREF
CPVDD
CPVSS
CPOUT
DVSS
CLK
DVDD
PBH
TOUT0
TOUT1
TOUT2
TOUT3
TMD2
TMD1
TMD0
TRRH
CPH
HDH
INSH
CCTL3
CCTL2
CCTL1
REFCK
TIN7
TIN6
TIN5
TIN4
TIN3
TIN2
TIN1
TIN0
TOUT8
TOUT7
TOUT6
TOUT5
TOUT4
OUT VDD VSS
VCC
VEE
IN
OUT
GND
Ref No.100 Series.
*PAT=PATTERN ONLY
COMPONENT NAME
SERVO
01/09
CIRCUIT BOARD NO.
VEP02437A/B
MODEL NO.
SCM062



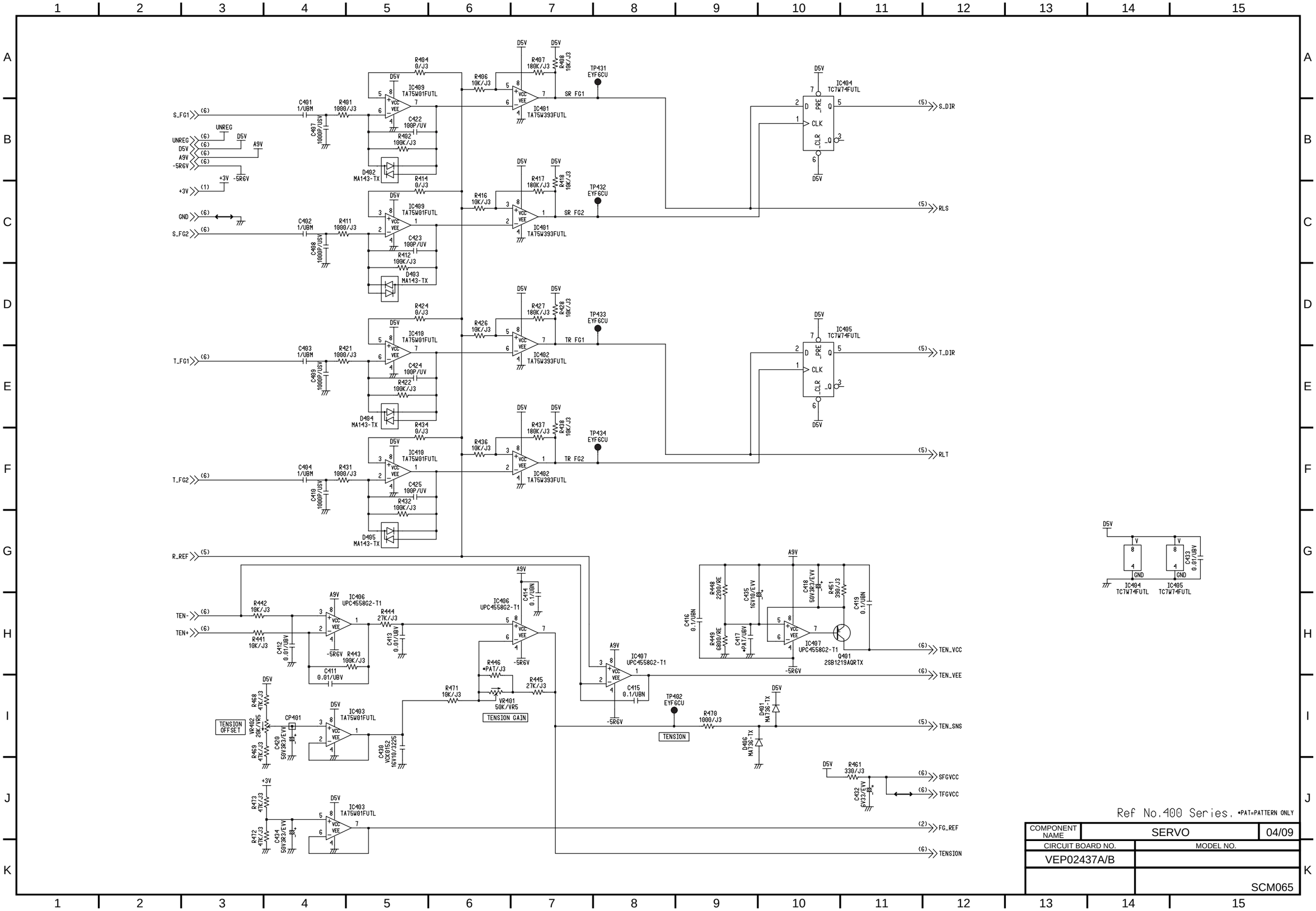
Ref No.1,200 Series. *PAT=PATTERN ONLY

COMPONENT NAME	SERVO	02/09
CIRCUIT BOARD NO.	MODEL NO.	
VEP02437A/B		
		SCM063



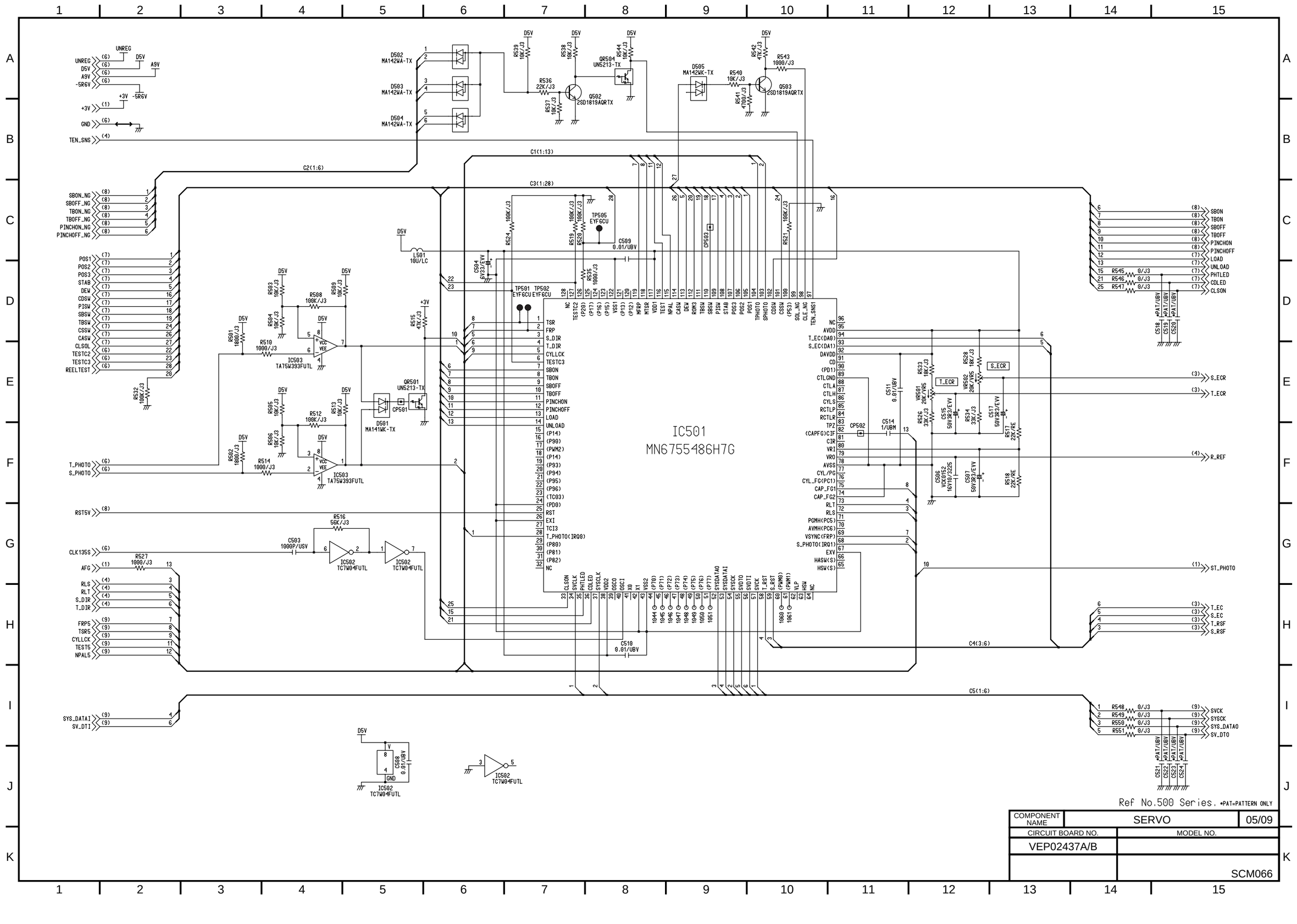
Ref No.300 Series. •PAT=PATTERN ONLY

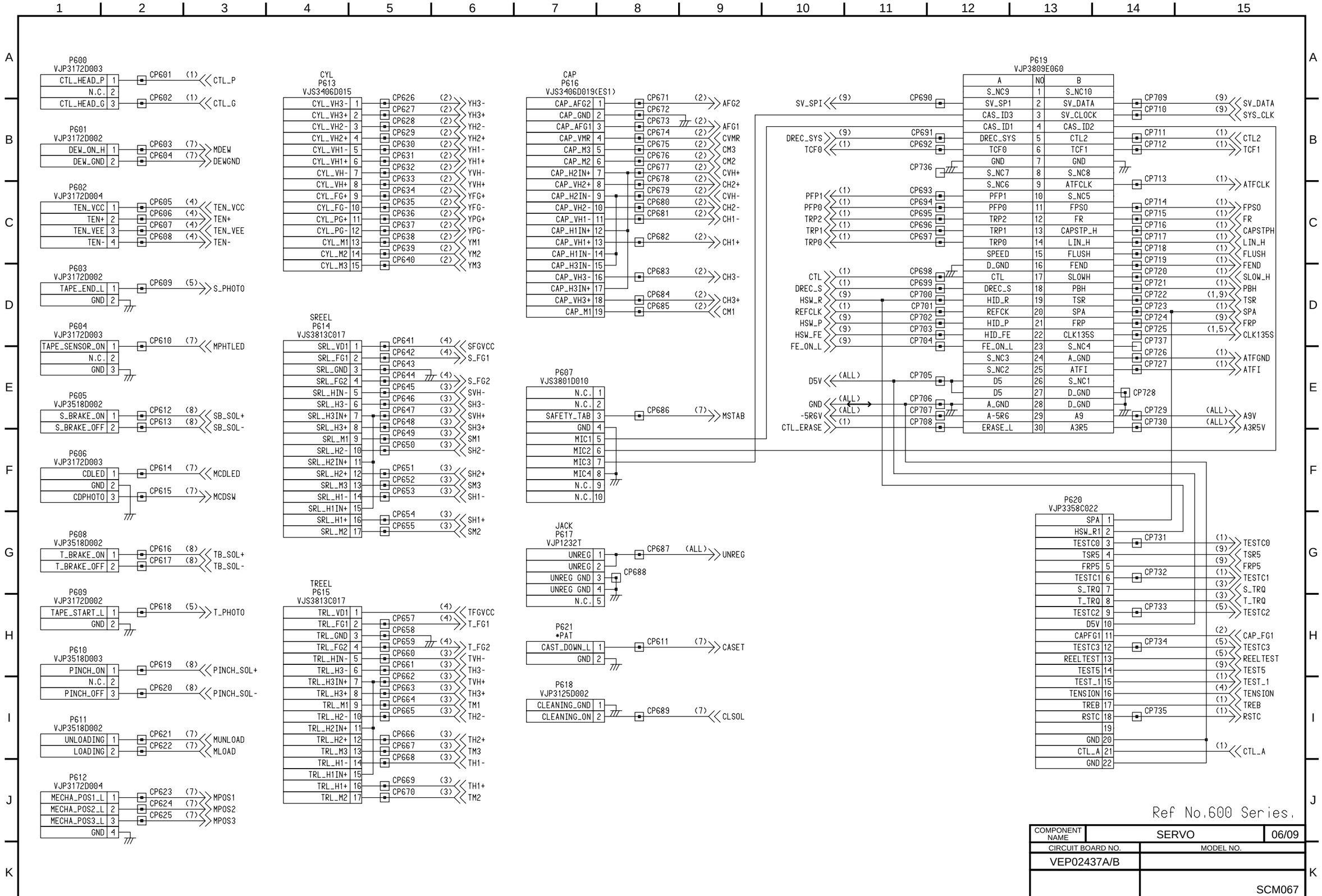
COMPONENT NAME	SERVO	03/09
CIRCUIT BOARD NO.	MODEL NO.	
VEP02437A/B		
		SCM064

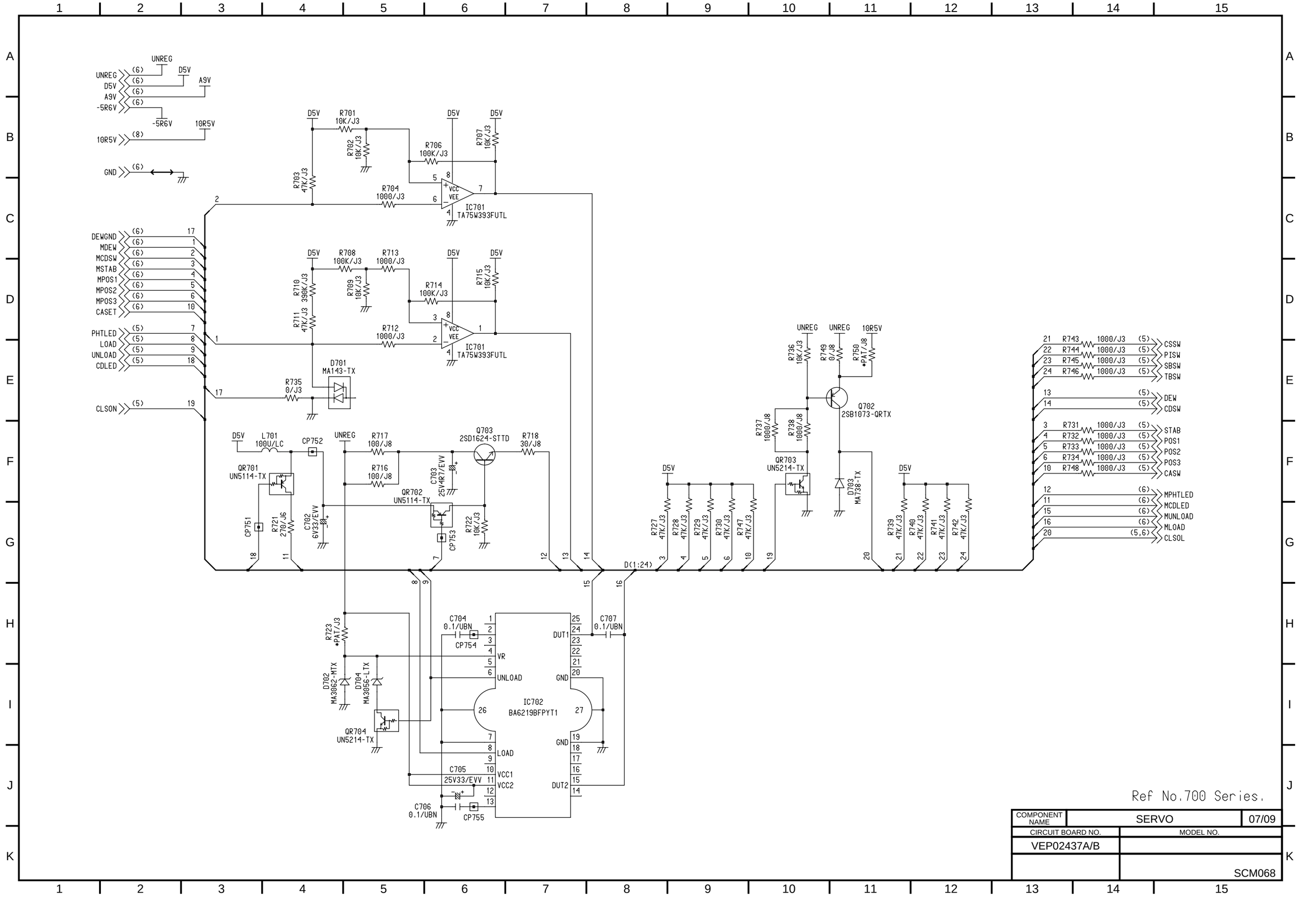


Ref No.400 Series. *PAT=PATTERN ONLY

COMPONENT NAME	SERVO	04/09
CIRCUIT BOARD NO.	MODEL NO.	
VEP02437A/B		
	SCM065	

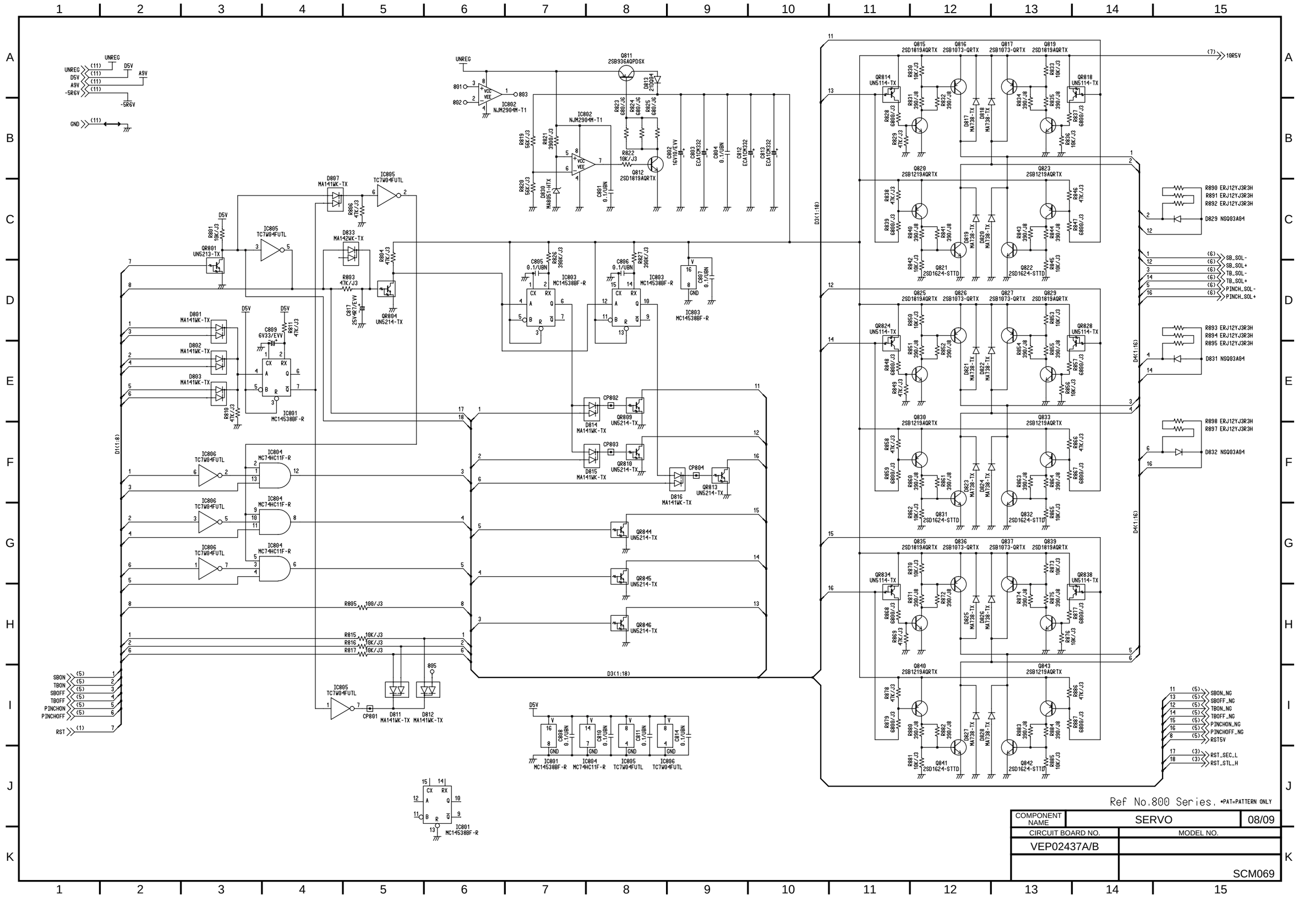

IC501
MN6755486H7G
Ref No.500 Series. •PAT=PATTERN ONLY
COMPONENT NAME
SERVO
05/09
CIRCUIT BOARD NO.
VEP02437A/B
MODEL NO.
SCM066

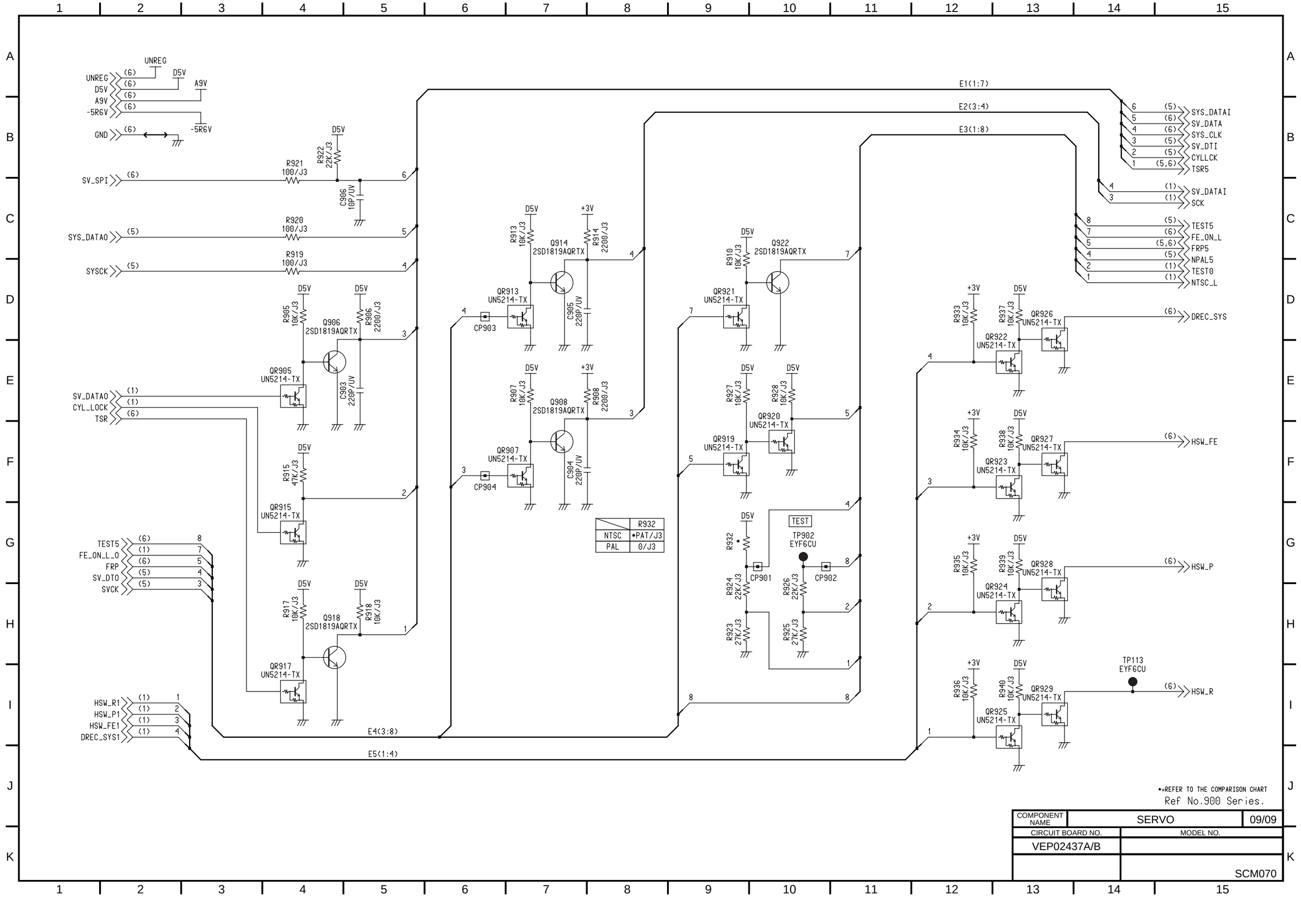

P600
VJP3172D003
CTL_HEAD_P 1
N.C. 2
CTL_HEAD_G 3
CP601 (1) CTL_P
CP602 (1) CTL_G
P601
VJP3172D002
DEW_ON_H 1
DEW_GND 2
CP603 (7) MDEW
CP604 (7) DEWGND
P602
VJP3172D004
TEN_VCC 1
TEN+ 2
TEN_VEE 3
TEN- 4
CP605 (4) TEN_VCC
CP606 (4) TEN+
CP607 (4) TEN_VEE
CP608 (4) TEN-
P603
VJP3172D002
TAPE_END_L 1
GND 2
CP609 (5) S_PHOTO
P604
VJP3172D003
TAPE_SENSOR_ON 1
N.C. 2
GND 3
CP610 (7) MPHTLED
P605
VJP3518D002
S_BRAKE_ON 1
S_BRAKE_OFF 2
CP612 (8) SB_SOL+
CP613 (8) SB_SOL-
P606
VJP3172D003
CDLED 1
GND 2
CDPHOTO 3
CP614 (7) MCDLED
CP615 (7) MCDSW
P608
VJP3518D002
T_BRAKE_ON 1
T_BRAKE_OFF 2
CP616 (8) TB_SOL+
CP617 (8) TB_SOL-
P609
VJP3172D002
TAPE_START_L 1
GND 2
CP618 (5) T_PHOTO
P610
VJP3518D003
PINCH_ON 1
N.C. 2
PINCH_OFF 3
CP619 (8) PINCH_SOL+
CP620 (8) PINCH_SOL-
P611
VJP3518D002
UNLOADING 1
LOADING 2
CP621 (7) MUNLOAD
CP622 (7) MLOAD
P612
VJP3172D004
MECHA_POS1_L 1
MECHA_POS2_L 2
MECHA_POS3_L 3
GND 4
CP623 (7) MPOS1
CP624 (7) MPOS2
CP625 (7) MPOS3
CYL
P613
VJS3406D015
CYL_VH3- 1
CYL_VH3+ 2
CYL_VH2- 3
CYL_VH2+ 4
CYL_VH1- 5
CYL_VH1+ 6
CYL_VH- 7
CYL_VH+ 8
CYL_FG+ 9
CYL_FG- 10
CYL_PG+ 11
CYL_PG- 12
CYL_M1 13
CYL_M2 14
CYL_M3 15
CP626 (2) YH3-
CP627 (2) YH3+
CP628 (2) YH2-
CP629 (2) YH2+
CP630 (2) YH1-
CP631 (2) YH1+
CP632 (2) YVH-
CP633 (2) YVH+
CP634 (2) YFG+
CP635 (2) YFG-
CP636 (2) YPG+
CP637 (2) YPG-
CP638 (2) YM1
CP639 (2) YM2
CP640 (2) YM3
SREEL
P614
VJS3813C017
SRL_VD1 1
SRL_FG1 2
SRL_GND 3
SRL_FG2 4
SRL_HIN- 5
SRL_H3- 6
SRL_H3IN+ 7
SRL_H3+ 8
SRL_M1 9
SRL_H2- 10
SRL_H2IN+ 11
SRL_H2+ 12
SRL_M3 13
SRL_H1- 14
SRL_H1IN+ 15
SRL_H1+ 16
SRL_M2 17
CP641 (4) SFGVCC
CP642 (4) S_FG1
CP643
CP644 (4) S_FG2
CP645 (3) SVH-
CP646 (3) SH3-
CP647 (3) SVH+
CP648 (3) SH3+
CP649 (3) SM1
CP650 (3) SH2-
CP651 (3) SH2+
CP652 (3) SM3
CP653 (3) SH1-
CP654 (3) SH1+
CP655 (3) SM2
TREEL
P615
VJS3813C017
TRL_VD1 1
TRL_FG1 2
TRL_GND 3
TRL_FG2 4
TRL_HIN- 5
TRL_H3- 6
TRL_H3IN+ 7
TRL_H3+ 8
TRL_M1 9
TRL_H2- 10
TRL_H2IN+ 11
TRL_H2+ 12
TRL_M3 13
TRL_H1- 14
TRL_H1IN+ 15
TRL_H1+ 16
TRL_M2 17
(4) TFGVCC
CP657 (4) T_FG1
CP658
CP659 (4) T_FG2
CP660 (3) TVH-
CP661 (3) TH3-
CP662 (3) TVH+
CP663 (3) TH3+
CP664 (3) TM1
CP665 (3) TH2-
CP666 (3) TH2+
CP667 (3) TM3
CP668 (3) TH1-
CP669 (3) TH1+
CP670 (3) TM2
CAP
P616
VJS3406D019(ES1)
CAP_AFG2 1
CAP_GND 2
CAP_AFG1 3
CAP_VMR 4
CAP_M3 5
CAP_M2 6
CAP_H2IN+ 7
CAP_VH2+ 8
CAP_H2IN- 9
CAP_VH2- 10
CAP_VH1- 11
CAP_H1IN+ 12
CAP_VH1+ 13
CAP_H1IN- 14
CAP_H3IN- 15
CAP_VH3- 16
CAP_H3IN+ 17
CAP_VH3+ 18
CAP_M1 19
CP671 (2) AFG2
CP672
CP673 (2) AFG1
CP674 (2) CVMR
CP675 (2) CM3
CP676 (2) CM2
CP677 (2) CVH+
CP678 (2) CH2+
CP679 (2) CVH-
CP680 (2) CH2-
CP681 (2) CH1-
CP682 (2) CH1+
CP683 (2) CH3-
CP684 (2) CH3+
CP685 (2) CM1
P607
VJS3801D010
N.C. 1
N.C. 2
SAFETY_TAB 3
GND 4
MIC1 5
MIC2 6
MIC3 7
MIC4 8
N.C. 9
N.C. 10
CP686 (7) MSTAB
JACK
P617
VJP1232T
UNREG 1
UNREG 2
UNREG GND 3
UNREG GND 4
N.C. 5
CP687 (ALL) UNREG
CP688
P621
*PAT
CAST_DOWN_L 1
GND 2
CP611 (7) CASET
P618
VJP3125D002
CLEANING_GND 1
CLEANING_ON 2
CP689 (7) CLSOL
P619
VJP3809E060
A NO B
S_NC9 1 S_NC10
SV_SP1 2 SV_DATA
CAS_ID3 3 SV_CLOCK
CAS_ID1 4 CAS_ID2
DREC_SYS 5 CTL2
TCF0 6 TCF1
GND 7 GND
S_NC7 8 S_NC8
S_NC6 9 ATFCLK
PFP1 10 S_NC5
PFP0 11 FPSO
TRP2 12 FR
TRP1 13 CAPSTP_H
TRP0 14 LIN_H
SPEED 15 FLUSH
D_GND 16 FEND
CTL 17 SLOWH
DREC_S 18 PBH
HID_R 19 TSR
REFCK 20 SPA
HID_P 21 FRP
HID_FE 22 CLK135S
FE_ON_L 23 S_NC4
S_NC3 24 A_GND
S_NC2 25 ATFI
D5 26 S_NC1
D5 27 D_GND
A_GND 28 D_GND
A-5R6 29 A9
ERASE_L 30 A3R5
SV_SPI (9) CP690
DREC_SYS (9) CP691
TCF0 (1) CP692
CP736
PFP1 (1) CP693
PFP0 (1) CP694
TRP2 (1) CP695
TRP1 (1) CP696
TRP0 (1) CP697
CTL (1) CP698
DREC_S (1) CP699
HSW_R (9) CP700
REFCLK (1) CP701
HSW_P (9) CP702
HSW_FE (9) CP703
FE_ON_L (9) CP704
D5V (ALL) CP705
GND (ALL) CP706
-5R6V (ALL) CP707
CTL_ERASE (1) CP708
CP709 (9) SV_DATA
CP710 (9) SYS_CLK
CP711 (1) CTL2
CP712 (1) TCF1
CP713 (1) ATFCLK
CP714 (1) FPSO
CP715 (1) FR
CP716 (1) CAPSTPH
CP717 (1) LIN_H
CP718 (1) FLUSH
CP719 (1) FEND
CP720 (1) SLOW_H
CP721 (1) PBH
CP722 (1,9) TSR
CP723 (1) SPA
CP724 (9) FRP
CP725 (1,5) CLK135S
CP737
CP726 (1) ATFGND
CP727 (1) ATFI
CP728
CP729 (ALL) A9V
CP730 (ALL) A3R5V
P620
VJP3358C022
SPA 1
HSW_R1 2
TESTC0 3
TSR5 4
FRP5 5
TESTC1 6
S_TRQ 7
T_TRQ 8
TESTC2 9
D5V 10
CAPFG1 11
TESTC3 12
REELTEST 13
TEST5 14
TEST_1 15
TENSION 16
TREB 17
RSTC 18
19
GND 20
CTL_A 21
GND 22
CP731 (1) TESTC0
(9) TSR5
(9) FRP5
CP732 (1) TESTC1
(3) S_TRQ
(3) T_TRQ
CP733 (5) TESTC2
(2) CAP_FG1
CP734 (5) TESTC3
(5) REELTEST
(9) TEST5
(1) TEST_1
(4) TENSION
(1) TREB
CP735 (1) RSTC
(1) CTL_A
Ref No.600 Series.
COMPONENT NAME
SERVO
06/09
CIRCUIT BOARD NO.
VEP02437A/B
MODEL NO.
SCM067



Ref No.700 Series.

COMPONENT NAME	SERVO	07/09
CIRCUIT BOARD NO.	MODEL NO.	
VEP02437A/B		
		SCM068


UNREG
D5V
A9V
-5R6V
GND
Q811 2SB936AQPDSX
IC802 NJM2904M-T1
IC805 TC7W04FUTL
IC803 MC14538BF-R
IC801 MC14538BF-R
IC804 MC74HC11F-R
IC806 TC7W04FUTL
IC895 TC7W04FUTL
Q815 2SD1819AQRTX
Q816 2SB1073-QRTX
Q817 2SB1073-QRTX
Q819 2SD1819AQRTX
Q820 2SB1219AQRTX
Q823 2SB1219AQRTX
Q821 2SD1624-STTD
Q822 2SD1624-STTD
Q825 2SD1819AQRTX
Q826 2SB1073-QRTX
Q827 2SB1073-QRTX
Q829 2SD1819AQRTX
Q830 2SB1219AQRTX
Q833 2SB1219AQRTX
Q831 2SD1624-STTD
Q832 2SD1624-STTD
Q835 2SD1819AQRTX
Q836 2SB1073-QRTX
Q837 2SB1073-QRTX
Q839 2SD1819AQRTX
Q840 2SB1219AQRTX
Q843 2SB1219AQRTX
Q841 2SD1624-STTD
Q842 2SD1624-STTD
Q812 2SD1819AQRTX
Q844 UN5214-TX
Q845 UN5214-TX
Q846 UN5214-TX
QR801 UN5213-TX
QR804 UN5214-TX
QR809 UN5214-TX
QR810 UN5214-TX
QR813 UN5214-TX
QR814 UN5114-TX
QR818 UN5114-TX
QR824 UN5114-TX
QR828 UN5114-TX
QR834 UN5114-TX
QR838 UN5114-TX
D801 MA141WK-TX
D802 MA141WK-TX
D803 MA141WK-TX
D814 MA141WK-TX
D815 MA141WK-TX
D816 MA141WK-TX
D811 MA141WK-TX
D812 MA141WK-TX
D897 MA141WK-TX
D833 MA142WK-TX
D830 MA8S1-HTX
D817 MA738-TX
D818 MA738-TX
D819 MA738-TX
D820 MA738-TX
D821 MA738-TX
D822 MA738-TX
D823 MA738-TX
D824 MA738-TX
D825 MA738-TX
D826 MA738-TX
D827 MA738-TX
D828 MA738-TX
D829 NSQ03A04
D831 NSQ03A04
D832 NSQ03A04
CP802
CP803
CP804
CP801
805
R890 ERJ12YJ3R3H
R891 ERJ12YJ3R3H
R892 ERJ12YJ3R3H
R893 ERJ12YJ3R3H
R894 ERJ12YJ3R3H
R895 ERJ12YJ3R3H
R898 ERJ12YJ3R3H
R897 ERJ12YJ3R3H
10R5V
SB_SOL-
SB_SOL+
TB_SOL-
TB_SOL+
PINCH_SOL-
PINCH_SOL+
SBON_NG
SBOFF_NG
TBON_NG
TBOFF_NG
PINCHON_NG
PINCHOFF_NG
RST5V
RST_SEC_L
RST_STL_H
SBON
TBON
SBOFF
TBOFF
PINCHON
PINCHOFF
RST
D1(1:8)
D3(1:18)
D4(1:16)
D311:18)
Ref No.800 Series. *PAT=PATTERN ONLY
COMPONENT NAME
SERVO
08/09
CIRCUIT BOARD NO.
VEP02437A/B
MODEL NO.
SCM069


UNREG
D5V
A9V
-5R6V
GND
SV_SPI
SYS_DATAO
SYSCK
R921 100/J3
R920 100/J3
R919 100/J3
R922 22K/J3
C906 10P/UV
R905 10K/J3
R906 2200/J3
Q906 2SD1819AQRTX
QR905 UN5214-TX
C903 220P/UV
SV_DATAO
CYL_LOCK
TSR
R915 47K/J3
QR915 UN5214-TX
TEST5
FE_ON_L_O
FRP
SV_DTO
SVCK
R917 10K/J3
R918 10K/J3
Q918 2SD1819AQRTX
QR917 UN5214-TX
HSW_R1
HSW_P1
HSW_FE1
DREC_SYS1
E4(3:8)
E5(1:4)
R913 10K/J3
R914 2200/J3
Q914 2SD1819AQRTX
QR913 UN5214-TX
C905 220P/UV
CP903
R907 10K/J3
R908 2200/J3
Q908 2SD1819AQRTX
QR907 UN5214-TX
C904 220P/UV
CP904
R932
NTSC •PAT/J3
PAL 0/J3
E1(1:7)
E2(3:4)
E3(1:8)
R910 10K/J3
Q922 2SD1819AQRTX
QR921 UN5214-TX
R927 10K/J3
R928 10K/J3
QR920 UN5214-TX
QR919 UN5214-TX
R932 *
CP901
R924 22K/J3
R923 27K/J3
TEST
TP902 EYF6CU
CP902
R926 22K/J3
R925 27K/J3
SYS_DATAI
SV_DATA
SYS_CLK
SV_DTI
CYLLCK
TSR5
SV_DATAI
SCK
TEST5
FE_ON_L
FRP5
NPAL5
TEST0
NTSC_L
R933 10K/J3
R937 10K/J3
QR926 UN5214-TX
QR922 UN5214-TX
DREC_SYS
R934 10K/J3
R938 10K/J3
QR927 UN5214-TX
QR923 UN5214-TX
HSW_FE
R935 10K/J3
R939 10K/J3
QR928 UN5214-TX
QR924 UN5214-TX
HSW_P
R936 10K/J3
R940 10K/J3
QR929 UN5214-TX
QR925 UN5214-TX
TP113 EYF6CU
HSW_R
•=REFER TO THE COMPARISON CHART
Ref No.900 Series.
COMPONENT NAME
SERVO
09/09
CIRCUIT BOARD NO.
VEP02437A/B
MODEL NO.
SCM070